

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Docket Number (Optional) A013U	Application Number 09/299,139		
				Applicant(s) Browning et al.			
				Filing Date April 23, 1999	Group Art Unit 1644 not yet assigned		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
B	AA	5,225,538	07/06/93	Capon et al.	—	—	12/16/91
)	AB	4,816,567	03/28/89	Cabilly, S., et al.	—	—	04/08/83
)	AC	4,485,045	11/27/84	Regen, S.	—	—	05/26/82
)	AD	4,544,545	10/01/85	Ryan, P., et al.	—	—	06/20/83
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
B	BA	WO 94/046679	03/03/94	—	—	YES	NO
)	BB	WO 97/03678	02/06/97	—	—		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
B	CA	Alimzhanov et al., 1997, Proc. Natl. Acad. Sci., 94:9302-9307, "Abnormal development of secondary lymphoid tissues in lymphotxin Beta-deficient mice"					
)	CB	Androlewicz et al., 1992, J. of Biol. Chem., 267:2542-2547, "Lymphotxin Is Expressed as a Heteromeric Complex with a Distinct 33-kDa Glycoprotein on the Surface of an Activated Human T Cell Hybridoma"					
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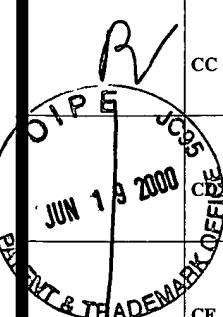
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CC	Arulanandam et al., 1993, J. Exp. Med., 177:1439-1450, "A Soluble Multimeric Recombinant CD2 Protein Identified CD48 As A Low Affinity Ligand for Human CD2: Divergence of CD2 Ligands During The Evolution of Humans and Mice"
CE	Banks et al., 1995, J. of Immunol. 155:1687-1693, "Lymphotoxin-Alpha-Deficient Mice"
CF	Briskin et al., 1993, Nature, 363:461-464, "MAdCAM-1 Has Homology TO Immunoglobulin And Mucin-Like Adhesion Receptors And TO IgA1"
CG	Browning J., Androlewicz, M. et al., 1991, J. of Immunol. 147:1230-1237, "Lymphotoxin And An Associated 33-kDa Glycoprotein Are Expressed On the Surface Of An Activated Human T Cell Hybridoma"
CH	Browning J., Douglas, I., et al., 1995, American Association of Immunol., 33-46, "Characterization of Surface Lymphotoxin Forms"
CI	Browning, J., Ngam-ek, A., et al., 1993, 73:847-856, "Lymphotoxin-Beta, A Novel Member of the TNF Family That Forms a Heteromeric Complex With Lymphotoxin On the Cell Surface"
CJ	Cavert, W. et al., 1997, 276:960-964, "Kinetics of Response in Lymphoid Tissues to Antiretroviral Therapy of HIV-1 Infection"
CK	Chen, C. et al., 1995, Trends in Biol. Sci., 20:465-470, "AU-rich Elements: Characterization and Importance In mRNA Degradation"
CL	Crowe, P. et al., 1994, Science, 264:707-710, "A Lymphotoxin-Beta-Specific Receptor"
CM	DeTongi, P. et al., 1994, Science, 264:703-706, "Abnormal Development Of Peripheral Lymphoid Organs in Mice Deficient in Lymphotoxin"
CN	Dijkstra et al., 1985, Immunology, 55:23-30, "Marginal Zone Macrophages Identified BY A Monoclonal Antibody: Characterization of Immuno-and Enzyme-Histochemical Properties and Functional Capacities"

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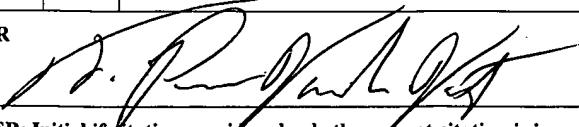
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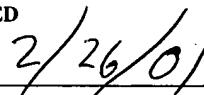
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<i>R</i>	CO	Duzgunesa et al., Q514:77, "Liposome Targeting TO HIV-Infected Cells Via Recombinant Soluble CD4 And CD4-IgG (Immunoadhesin)"
	CP	Endres et al., 1999, J. of Med., 189:159-167, "Mature Follicular Dendritic Cell Networks Depend on Expression Of Lymphotoxin Beta Receptor By Radioresistant Stromal Cells And Of Lymphotoxin Beta And Tumor Necrosis Factor By B Cells"
	CQ	Eppstein et al., 1985, Proc. Natl. Acad. Sci., 82:3688-3692, "Biological Activity Of Liposome-Encapsulated Murine Interferon Gamma Is Mediated By A Cell Membrane Receptor"
<i>1695</i> <i>JUN 19 2001</i> <i>USPTO</i> <i>PATENTS & TRADEMARKS</i>		Erickson et al., 1994, Nature, 372:560-563, "Decreased Sensitivity To Tumour-Necrosis Factor But Normal T-cell Development in TNF Receptor-2-Deficient Mice"
	CR	Ettinger et al., 1996, Proc. Natl. Acad., 93:13102-13107, "Disrupted Splenic Architecture, But Normal Lymph Node Development In Mice Expressing A Soluble Lymphotoxin-Beta Receptor-IgG1 Fusion Protein"
	CS	Fitch et al., 1993, Annu. Rev. Immunol., 11:29-48, "Differential Regulation Of Murine Lymphocyte Subsets"
	CU	Force et al., 1995, American Association of Immunol., 5280-5288, "Mouse Lymphotoxin-Beta Receptor"
	CV	Foy et al., 1994, J. Exp. Med., 180:157-163, "gp39-CD40 Interactions Are Essential For Germinal Center Formation and the Development of B Cell Memory"
	CW	Fu, Chaplin, et al., 1999, Annu. Rev. Immunol., 17:399-433, "Development and Maturation of Secondary Lymphoid Tissues"
	CX	Fu, Huang, et al., 1998, J. Exp. Med., 187:10091018, "B Lymphocytes Induce the Formation of Follicular Dendritic Cell Clusters in a Lymphotoxin-Alpha-Dependent Fashion"
	CY	Fu, Molina, et al., 1997, J. Exp. Med., 185:2111-2120, Lymphotoxin-Alpha (LTA) Supports Development of Splenic Follicular Structure That Is Required for IgG Responses"
	CZ	Futterer et al., 1998, Immunity, 9:59-70, "The Lymphotoxin Beta Receptor Controls Organogenesis and Affinity Maturation in Peripheral Lymphoid Tissues"

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<i>R</i>	CAA	Gonzalez et al., 1998, J. Exp. Med., 187:997-1007, "The Sequential Role of Lymphotoxin and B Cells in the Development of Splenic Follicles"
		Han et al., 1995, American Association of Immunol., 556-567, "Cellular Interaction in Germinal Centers"
<i>JUN 19 2000 PATENT & TRADEMARK SEARCH</i>	CAC	Heath et al., 1995, Nature, 377:740-744, "Follicular Dendritic Cells And Human Immunodeficiency Virus Infectivity"
		Hwang et al., 1980, Proc. Natl. Acad., 77:4030-4034, "Hepatic Uptake And Degradation of Unilamellar Sphingomyelin/Cholesterol Liposomes: A Kinetic Study"
	CAD	Kraal, Geroge, 1992, Academic Press, 132:31-74, "Cells In the Marginal Zone of the Spleen"
		Kraal and Janse, 1986, Immunology, 58:665-669, "Marginal Metallophilic Cells Of the Mouse Spleen Identified By a Monoclonal Antibody"
	CAF	Kraal, Rodrigues, et al., 1989, Immunology, 68:227-232, "Lymphocyte Migration in the Spleen: the Effect of Macrophage Elimination"
		Kraal, Schornagel, et al., 1995, American Journal of Pathology, 147:763-771, "Expression of the Mucosal Vascular Addressin, MAdCAM-1, on Sinus-Lining Cells in the Spleen"
	CAH	Kratz et al., 1996, J. Exp. Med., 183:1461-1472, "Chronic Imflammation Caused by Lymphotoxin Is Lymphoid Neogenesis"
		Laman et al., 1996, Critical Reviews in Immunol., 16:59-108, "Functions of CD40 and Its Ligand, gp39 (CD40L)"
	CAK	Lane et al., 1992, Eur. J. Immunol., 22:2573-2578, "Activated human T cells express a ligand for the human B cell-associated antigen CD40 which participates in T cell -dependent activation of B lymphocytes"
		Langer, 1982, Chemtech, February, 98-105, "Controlled release of macromolecules"

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<i>BR</i>	CAM	Langer, Brem, et al., 1981, J. of Biomed. Materials, 15:267-277, "Biocompatibility of polymeric delivery systems for macromolecules"
	CAN	Le Hir, et al., 1996, J. Exp. Med., 183:2367-2372, "Differentiation of Follicular Dendritic Cells and Full Antibody Responses Require Tumor Necrosis Factor Receptor-1 Signaling"
<i>JUN 19 2000 PATENT & TRADEMARK OFFICE CAQ</i>	CAP	Mackay et al., 1997, Eur. J. Immunol., 27:2033-2042, "Lymphotoxin but not tumor necrosis factor functions to maintain splenic architecture and humoral responsiveness in adult mice"
	CAQ	MacLennan et al., 1993, Blackwell Scientific Publications, 5:13-30, "The Structure and Function of Secondary Lymphoid Tissue"
	CAR	Maeda et al., 1992, J. of Immunol., 148:2340-2347, "Murine Follicular Dendritic Cells and Low Affinity Fc Receptors For IgE (Fc ϵ RII)1"
	CAS	Male et al., 1993, Mosby-Year Book Europe, 3rd ed., 1:1.1-1.12, "Introduction to the Immune System"
	CAT	Matsumoto, Chaplin, et al., 1997, Immunol. Reviews, 156:137-144, "Lymphotoxin-alpha-deficient and TNF receptor-1-deficient mice define developmental and functional characteristics of germinal centers"
	CAU	Matsumoto, Huang, et al., 1997, J. Exp. Med., 186:1997-2004, "Distinct Roles of Lymphotoxin alpha and the Type 1 Tumor Necrosis Factor (TNF) Receptor in the Establishment of Follicular Dendritic Cells from Non-Bone Marrow-derived Cells"
	CAV	Matsumoto, Lo, et al., 1996, Nature, 382:462-466, "Affinity maturation without germinal centres in lymphotoxin-alpha-deficient mice"
	CAW	Matsumoto, Mariathasan, et al., 1996, Science, 271:1289-1291, "Role of Lymphotoxin and the Type 1 TNF Receptor in the Formation of Germinal Centers"
	CAX	Miller et al., 1993, J. Exp. Med., 178:211-222, "Specific Interaction of Lymphocyte Function-associated Antigen 3 with CD2 Can Inhibit T Cell Responses"
	CAY	Mohan et al., 1995, J. of Immunol., 154:1470-1480, "Interaction Between CD40 and Its Ligand gp39 in the Development of Murine Lupus Nephritis1"

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R <i>R</i>	Morrison et al., 1992, Annu. Rev. Immunol., 10:239-265, "In Vitro Antibodies: Strategies for Production and Application"
<i>RECEIVED JUN 19 2000 U.S. PATENT & TRADEMARK OFFICE</i>	Morrison, Johnson, et al., 1984, Proc. Natl. Acad. Sci., 81:6851-6855, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains"
CBA	Nakache et al., 1989, Nature, 337:179-181, "The mucosal vascular addressin is a tissue-specific endothelial cell adhesion molecule for circulating lymphocytes"
CBC	Neumann et al., 1996, J. Exp. Med., 184:259-264, "Defective Peyer's Patch Organogenesis in Mice Lacking the 55-kD Receptor for Tumor Necrosis Factor"
CBD	Pfeffer et al., 1993, Cell, 73:457-467, "Mice Deficient for the 55 kd Tumor Necrosis Factor Receptor Are Resistant to Endotoxic Shock, yet Succumb to L. monocytogenes Infection"
CBE	Picarella et al., 1992, Proc. Natl. Acad. Sci., 89:10036-10040, "Insulitis in transgenic mice expressing tumor necrosis factor Beta (lymphotoxin) in the pancreas"
CBF	Picker et al., 1992, Annu. Rev. Immunol., 10:561-591, "Physiological and Molecular Mechanisms of Lymphocyte Homing"
CBG	Powell et al., 1995, Trends in Microbiology, 3:81-88, "The antiviral effects of nitric oxide"
CBH	Queen et al., 1989, Proc. Natl. Acad. Sci., 86:10029-10033, "A humanized antibody that binds to the interleukin 2 receptor"
CBI	Rennert et al., 1996, J. Exp. Med., 184:1999-2006, "Surface Lymphotoxin alpha/beta complex Is Required for the Development of Peripheral Lymphoid Organs"
CBJ	Robert et al., 1998, Nature, 395:26-27, "Turning off Follicular Dendritic Cells"
CBK	Romagnani et al., 1994, Annu. Rev. Immunol., 12:227-257, "Lymphokine Production By Human T Cells In Disease States"

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<i>RW</i>	CBL	Rothe et al., 1993, Nature, 364:198-802, "Mice lacking the tumour necrosis factor receptor 1 are resistant to TNF-mediated toxicity but highly susceptible to infection by Listeria monocytogenes"
	CBM	Schriever et al., 1992, Advanced in Immunol., 51:243-285, "The Central Role of Follicular Dendritic Cells in Lymphoid Tissues"
	CBN	Selmaj et al., 1991, Amer. Society of Clinical Investigation, 87:949-954, "Identification of Lymphotoxin and Tumor Necrosis Factor in Multiple Sclerosis Lesions"
	CBO	Sidman et al., 1983, Biopolymers, 22:547-556, "Controlled Release of Macromolecules and Pharmaceuticals from Synthetic Polypeptides Based on Glutamic Acid"
	CBP	Smith, Davis et al., 1990, Science, 248:1019-1023, "A Receptor for RTumor Necrosis Factor Defines an Unusual Family of Cellular and Viral Proteins"
	CBQ	Smith, Farrah et al., 1994, Cell, 76:959-962, "The TNF Receptor Superfamily of Cellular and Viral Proteins: Activation, Costimulation, and Death"
	CBR	Tartaglia et al., 1992, Immunology Today, 13:151-153, "Two TNF receptors"
	CBS	Tew et al., 1990, Immunol. Reviews, 117:185-211, "Follicular Dendric Cells as Accessory Cells"
	CBT	Tibbetts et al., 1994, J. of Immunol., 152:1493-1499, " Cardiac Antigen-Specific Autoantibody Production is Associated with Cardiomyopathy in Trypanosoma cruzi-infected mice"
	CBU	Toellner et al., 1996, J. Exp. Med., 183:2303-2312, "Immunoglobulin Switch Transcript Production In Vivo Related to the Site and TIme of Antigen-specific B Cell Activation"
	CBV	Traunecker et al., 1989, Nature, 339:68-70, "Highly efficient neutralization of HIV with recombinant CD4-immunoglobulin molecules"
	CBW	Van Kooten et al., 1996, Advanced in Immunol., 61:1-77, "CD40-CD40 Ligand: A Multifunctional Receptor-Ligand Pair"

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R. R. Parker, Jr.

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<i>RV</i>	CBX	Van Vliet et al., 1986, Cytochem, 34:883-890, "Reticular Fibroblasts in Peripheral Lymphoid Organs Identified by a Monoclonal Antibody"
	CBY	Ware et al., 1995, Pathways for Cytolysis, Current Topics Microbiol. Immunol., pps.75-218 "The Ligands and Receptors of the Lymphotoxin System"
<i>JOPE JUN 19 2000 USPTO PATENT & TRADEMARK OFFICE</i>		Winter and Milstein, 1991, Nature, 349:293-299, "Man-Made Antibodies"
	CCB	Wu et al., 1999, J. Exp. Med., 190:629-638, "The Requirement of Membrane Lymphotoxin for the Presence of Dendritic Cells in Lymphoid Tissues"
	CCC	Kohno et al., 1990, Proc. Natl. Acad. Sci., 87:8331-8335, "A Second Tumor Necrosis Factor Receptor Gene Product Can Shed A Naturally Occurring Tumor Necrosis Factor Inhibitor"
	CCD	Gyorfy et al., 1996, Eur. Cytokine Netw., 7:167, "Alteration of the TNF Sensitivity And Membrane Viscosity Of Target Cells"
		Goodwin et al., 1993, Cell, 73:447-456, "Molecular and Biological Characterization of a Ligand for CD27 Defines a New Family of Cytokines with Homology to Tumor Necrosis Factor"
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